

# UNT System Campus VPN Guide

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#### Introduction

This is a guide on the different ways to connect to the University of North Texas System Campus VPN. There are several different methods of connecting to the VPN that this guide will discuss. Each method accomplishes the same goal just in a different way, which allows the users more flexibility. This flexibility is important since we have a wide range of users that have different needs and different hardware requirements.

The UNT System Campus VPN is a device that will allow you to connect remotely to on-campus resources. This will allow employees and students of the University of North Texas to work from off campus using resources they otherwise couldn't access. The connection from the user machine to the Campus VPN is an encrypted connection which allows us to securely allow access to resources we otherwise wouldn't allow.

As stated above there are three different methods to connect to the Campus VPN. Each method is available for all employees and students of the University of North Texas. There may be a preferred method that your network manager or teacher would like you to use, so it's always best to discuss the issue with them first.

The first method is the web portal. This is a SSL web page that acts as a proxy server to the on-campus resources. This will allow access to the on-campus resources from machines that you might not want or need to install a client. This way uses SSL and Java to accomplish this goal.

The second method is the AnyConnect client. This is an ActiveX or Java client which uses SSL protocols to setup an encrypted connection to the Campus VPN. The AnyConnect client gives the user a UNT IP address making their machine logically part of the network. Only traffic going to the University of North Texas will use the encrypted tunnel. All other traffic will not be encrypted and use your normal internet provider connection.

The final method is the IPSec client. This is a client that uses the IPSec protocols to connect to the Campus VPN. The official IPSec client is downloadable from:

#### https://itss.untsystem.edu/current-cisco-vpn-clients

You will need to use your EUID and password to download it. Any third party IPSec client that uses the standard IPSec protocols should work, however they may have problems which may not be supportable. Just like the AnyConnect client this method will also give the user a UNT IP address. It will also only use the encrypted tunnel for traffic going to the UNT like the AnyConnect client does. Just like the AnyConnect client all other traffic will use your normal internet provider connection.

### **SSL Web Portal**

The web portal is the easiest way to connect to the Campus VPN without having to install a client on your machine. Just point a web browser to:

#### vpn.unt.edu

You will have to accept the certificates first and you can setup a permanent exception so you only have to do this once.

Firefox *				- 0 <b>- X</b> -
+ https://vpn2.unt.edu/+CSCOE+/logon.html			☆ ▼ C Scogle	₽ 🖬 🕈 🕆
UNIVERSITY OF NORTH • TEXAS Discover the power of ideas.	SSL VPN Service			
		Login		
	Please enter y	your username and password		

To login you will need to enter in your EUID and password. After that the computer usage
policy will appear. You will have to accept the policy before you can continue on to the
web portal home page.

Login

General

•

GROUP:

EUID: PASSWORD:

This syste North Tex constitute abide by r UNT polic 3.11). Una prohibited penalties There is r and you c disclosure	im is the prop as and your us an explicit b relevant feder ies (see UNT authorized use . Violations ca and possible to reasonable onsent to mo o finformatio	erty of the Un se of this resc inding agreen al and state la Policies 3.10, of this system an result in se criminal prose expectation of nitoring, review n by using this	iversity of ource ment to ws and 3.6, and m is vere cution. f privacy w and s system.
	Cancel	Continue	

Once you accept the computer usage policy you will be taken to the web portal home page. From this page you can go to the different areas of the web portal by using the menu to the left or the pull down menu show below.

Firefox	appendix wood by		- 0 <b>- X</b>
A https://vpn2.unt.edu/+CSCOE+/portal.html		▼ C ] 🛃 - Google	P ⊡- ∔ ⋒
UNIVERSITY OF NORTH*TEXAS Discover the power of ideas.	SSL VPN Service		
Home	Address http://	Browse	Logout
Web Applications	http://		<u></u>
	Web B https://		<b>4</b>
Browse Networks	cits:// ftp://		
	ssh://		
Anyconnect	telnet://		
Telnet/SSH Servers	vnc:// rdp://		
VNC Connections	4		
Terminal Servers			

The first menu item is for web applications. This is where you can use the Campus VPN as a web proxy. On the right side of the page you will see instructions on how to use this function. Just enter in a web address in the address bar and hit enter or the browse button.



The Campus VPN will then browse to the webpage. Once you are at the webpage you will notice two strange things. The first thing is the address in the URL bar. You will notice that it has the Campus VPN address first then the webpage where you are. This is because you are using the Campus VPN as a proxy, piping the webpage through the Campus VPN. The second thing you will notice is the strange menu bar on the top right side of the screen.



From left to right this menu will allow you to switch the menu to the other side, enter in a new address, go back to the web portal home page, and logoff the Campus VPN. If you hit the new address button it will pop up a window that you can enter in a new web address.

[	Enter URL/Web Address
	OK Cancel

The next menu item is the browse network page. This page will allow you to browse network shares and files.

Firefox  https://vpn2.unt.edCSCOE+/portal.html +		
+ https://vpn2.unt.edu/+CSCOE+/portal.html		(ב) = C ] [S] - Google
Home	Address cifs:// -	Browse Logout 🔀
Browse Networks	Browse Networks	File Access Requirements and Recommendations
AnyConnect	Browse Entire Network	administrator must assign permissions that grant you access.
VNC Connections		Click the link to the destination you want to browse, then click through the hierarchy to the file you want to access. If the link to the destination is not present, you
Terminal Servers		<ol> <li>Select cifs:// from the drop-down list next to the Address box.</li> </ol>
		<ol> <li>In the Address box, enter one of the following         <ul> <li>Path to the file, using the universal naming convention (UNC) (for example, (\\computername\sharedfolder\resource).</li> <li>Full path to the file, using the hostname/share/resource format.</li> </ul> </li> <li>Click Browse.</li> <li>Click through the hierarchy to the file you want</li> </ol>
		to access.

Enter in the network share location into the address bar and hit enter or the browse button. This will bring up the network login screen shown below. Your network manager or teacher may have to give you access to the network share you are trying to access.

Firefox T https://vpn1.unt.edCSCOE+/portal.html +			le le	- 6 ×
A https://vpn1.unt.edu/+CSCOE+/portal.html		☆ マ C <sup>4</sup> 🚺 - Google	۵ م	- + 6
UNIVERSITY OF NORTH-TEXAS Discover the power of ideas.	SSL VPN Service			
Home	Address cifs:// -		Browse Logo	ut 🔀
Web Applications				
Browse Networks				
AnyConnect				
Telnet/SSH Servers				
VNC Connections		Authentication required		
Terminal Servers	4	Username:		
	1	Becouverd		
		Password.		
		Submit Cancel		

Once you have access enter in your username and password for that network share. After you login, you will be able to browse the network share and access the files. Below is what the page will look like without any network folders or files.

Firefox Time https://vpn1.unt.edCSCOE+/portal.htm	u +	Company of CARL Printed State			- 6 ×
♦ https://vpn1.unt.edu/+CSCOE+/portal.html			습 = C   <mark>8</mark> -	· Google	P ⊡• ∔ ☆
UNIVERSITY OF NORTH+TEXAS Discover the power of ideas.	SSL VPN Service				
Home	Address cifs://			Browse	Logout 🔀
Browse Networks	🖻 💢 🗙 🗐 🔏 📋	📂 🖾 🤜 🕅 🖪 Page 1 o	of 1 🕨 🎽		
8 AnyConnect	Name 👻	Size Type Date Modified			
Anyconnect					
Telnet/SSH Servers					
VNC Connections					
Terminal Servers					

The third menu item is the AnyConnect page. From this page you will install the AnyConnect client on your machine. We will discuss the AnyConnect client and the installation later on in this guide.

The next menu item is the Telnet/SSH page. This page will allow you to telnet or SSH to servers on campus. Just like all the other pages, just enter in the server address you are trying to SSH or telnet to in the address bar.

Firefox			- 6
A https://vpnl.unt.edu/+CSCOE+/portal.html		☆ ▼ C <sup>*</sup>	▶ 🗗 🕈 🕆
UNIVERSITY OF NORTH • TEXAS Discover the power of ideas.	SSL VPN Service		
Home	Address sch://	Provino	
Web Applications	Auress 331.//	DIOWSE	
Browse Networks	Telnet/SSH Servers	Telnet/SSH Servers Help	Î
AnyConnect		The Telnet/SSH Servers client provides any Sun Java 1 equipped browser with access to corporate terminal se	l.4+ <sup>■</sup> rvers.
Telnet/SSH Servers		How to Connect	
VNC Connections		To start a Telnet or SSH session:	
Terminal Servers		<ol> <li>Do one of the following:         <ul> <li>Click a link to the computer on this page I connect to the computer (assuming your administrator added the link).</li> <li>Choose the ssh:// or telnet:// option next Address field, enter the name of the host Address text box along with any optional parameters you want, then click Browse. <u>Completing the Address Field</u> for paramet options.</li> </ul> </li> </ol>	to system t to the into the See ter
		A session window opens.	
		2. Click into the session window before you start ty	/ping.
		Completing the Address Field	

After you enter in the server address and hit enter a java applet will show up on page. Once it connects to the server you will get a login screen shown below. Enter in your username and password for that server and you will be logged in like normal.



The next menu item the VNC connection page. This page allows you to use the Campus VPN as a VNC proxy.

Eretor			- 0 <b>- X</b> -
A https://vpn1.unt.edu/+CSCOE+/portal.html		thr ∀ C Scoople	P <b>□-</b> ‡ †
UNIVERSITY OF NORTH • TEXAS Discover the power of ideas.	SSL VPN Service		
Home	Address vnc://		Browse Logout 🔀
Web Applications         Image: Web Applications         Image: Browse Networks         Image: AnyConnect         Image: Telnet/SSH Servers         Image: VNC Connections         Image: Terminal Servers	VNC Connections	<ul> <li>VNC Connections Help         TightVNC Java Viewer provides any Sun Jabrowser with access to corporate Virtual N (VNC) servers and Mac OS X desktops.     </li> <li>How to Connect         To start a TightVNC session:         <ol> <li>Do one of the following:                 <ul> <li>Click a link to the computer of connect to the computer (ass administrator added the link)</li> <li>Choose the vnc:// option nex enter the name of the host a the Address text box along w parameters you want, then C Completing the Address Field options.</li> <li>Click into the VNC session window b typing.</li> <li>Completing the Address Field</li> </ul> </li> </ol></li></ul>	ava 1.4+ equipped letwork Computing on this page to suming your system ). kt to the Address field, ind port number into with any optional click Browse. See <u>1</u> for parameter before you start

Once you enter in the address of the machine you are trying to VNC to you will be taken to a new page. The new page uses a Java program called TightVNC as shown below. Once TightVNC connects to your VNC machine you will need to login as normal.

TightVNC	and the second se				_ Ø _ X
Disconnect Options Clipboan	Record Send Ctrl-All-Del Rehas				0
Status: Connecting to	port 5900	663a21212e637968747661662e++/vnc/index.html?targetzvnc%3A%2F%2F	%3Fcsco_lang%3Den	🙈 • 🕨 🔀 Google	L 🖕 ·
		_	Connaction will open in a nonen window		<u>et</u> ão
		Please don't close this name or	no back to the portal page until you are finished will	the VIC session	
		Click here if yo	ou want to open another window with the portal page	h	

The final menu item is for terminal services usually called remote desktop. This page allows you to remote desktop to machines on campus that would otherwise be blocked from the outside.

Firefox T https://vpn1.unt.edCSCOE+/portal.html +			×
+ https://vpn1.unt.edu/+CSCOE+/portal.html		☆ マ C 🛛 🗧 - Google 🔎 🖬 - 🖣	F 🕆
UNIVERSITY OF NORTH+TEXAS Discover the power of ideas.	SSL VPN Service		
Home	Address rdp:// ·	Browse Logout	X
Web Applications			-
Browse Networks	Terminal Servers	Terminal Services Client Help	
AnyConnect		The Microsoft Terminal Services Client provides any Sun Java 1.4+ equipped browser with access to corporate terminal	Ĵ
Telnet/SSH Servers	1	servers.	
VNC Connections	1	How to Connect	
Terminal Servers		To connect to Microsoft Terminal Services, do one of the following:	
		<ul> <li>Click a link to the computer on this page to connect to it (assuming your system administrator added the link).</li> <li>Choose the rdp:// option next to the Address field, enter the name of the host into the Address text box along with any optional parameters you want, then click Browse. For example:</li> </ul>	
		rdp://myterm	
		See <u>Completing the Address Field</u> for the parameter options.	
		When you connect to a terminal server, a browser tab or window indicates the following:	

After you enter in the address of the machine you want to remote desktop to, a page like the one below will appear. This page is showing that it's trying to connect to the machine you have entered.



Terminal Server connection will open in a popup window.

Please don't close this page or go back to the portal page until you are finished with the session.

Click here if you want to open another window with the portal page.

Once connected, the Campus VPN will pop up java window showing your remote desktop connection to the machine. Below is an example of the remote desktop window.



That is all the features of the Campus VPN web portal. The web portal is the easiest and fastest way to connect to on campus resources without having to worry about installing any software. It provides a secure encrypted connection from your machine to the resources you are accessing.

### Installing AnyConnect VPNClient

As discussed earlier the AnyConnect client is an ActiveX or Java client that uses the SSL protocols to make an encrypted connection from your machine to the Campus VPN. To install the client you need to login to the Campus VPN web portal. If you need help logging in, please read the above section titled SSL Web Portal.

1. Select AnyConnect on the left navigation pane. Then, click Start AnyConnect.

Firefox				б х
+ https://vpn1.unt.edu/+CSCOE+/portal.html		☆ ♥ C	₽ 📭	÷ ^
UNIVERSITY OF NORTH • TEXAS Discover the power of ideas.	SSL VPN Service			
Home	Address rdp:// •	Browse	Logout	
Web Applications				
Browse Networks     AnyConnect     Telnet/SSH Servers     VNC Connections     Terminal Servers	AnyConnect Start AnyConnect	Initiate an AnyConnect client session to provide client applications on your desktop with network access through VPN, depending on your company's VPN configuration and own network access rights. For example, an AnyConnect session might be necessary to use Microsoft Outlook or Microsoft Outlook Express to send or receive e-mail. The following instructions describe how you can use your browser to get remote access to Microsoft Terminal Service running on computers in your network: • Requirements • Before you Connect - Add to Trusted Sites • How to Connect • Always Log Out!	your your ≌s	
		Requirements		
		To access remote services over an AnyConnect client sessi your system must have the following setup:	on,	
		<ul> <li>Your VPN site must be in the list of trusted sites, as described below. (Required for Windows Vista, highl recommended for all.)</li> </ul>	y	

2. An installation window will appear. If Java is installed on your machine, you may follow the automatic installation prompts.

Firefox Time https://vpn1.unt.edCSCOE+/portal.htm	+			- 6 <b>- X</b> -
+ https://vpn1.unt.edu/+CSCOE+/portal.html			☆ ♥ C 🔀 + Google	۹ 🖡 📲
UNIVERSITY OF NORTH • TEXAS Discover the power of ideas.	SSL VPN Service			
Home	Address rdp:// -			Browse Logout X
vveb Applications				
Browse Networks				
Sa AnyConnect		cisco A	nyConnect Secure Mobility Client	
Telnet/SSH Servers				
VNC Connections		WebLaunch	Platform Detection	
Terminal Servers			Setting up the Cisco AnyConnect Secure Mobility Client.	
		Platform Detection	Please wait	
		ActiveX		
		Image: Java Detection	1	
		🗆 - Java		
		Download		
		Connected		
			Help Download	

3. If the automatic web install fails for any reason, click on the **Windows 7/Vista/64/XP** link. You may either install directly or save the installation file.

Firefox Thttps://vpn1.unt.edCSCOE+/portal.htm	+					× *
A https://vpnl.unt.edu/+CSCOE+/portal.htm	4		습 v C 🔡 - Google		P 🖬 -	÷ 🕆
UNIVERSITY OF NORTH • TEXAS Discover the power of ideas.	SSL VPN Service					
Home	Address rdp:// -			Browse	Logout	
Web Applications						-
Browse Networks						
80.00	-	ululu And	Connect Convers Makility Oliget			
AnyConnect		cisco Anyc	connect Secure Mobility Client			
Telnet/SSH Servers						
NC Connections		WebLaunch	Manual Installation			
Terminal Servers			Web-based installation was unsuccessful. If you wish to			
	1	Platform	install the Cisco AnyConnect Secure Mobility Client, you may download an installer package			
	1	Detection				
		- ActiveX	Install using the link below;			
		I - Java Detection	Windows 7/Vista/64/XP			
		🗹 - Java	Alternatively, retry the automatic installation.			
		- Download				
		- Connected				
			Help Download			
			·			

4. Launch the AnyConnect installation. Click Next.



5. Click on the button for "I accept the terms in the License Agreement." Then, click Next.

Cisco AnyConnect Secure Mobility Client Setup	×
End-User License Agreement Please read the following license agreement carefully	
Supplemental End User License Agreement for Cisco Systems AnyConnect Secure Mobility and other related Client Software	^
IMPORTANT: READ CAREFULLY This Supplemental End User License Agreement ("SEULA") contains additional terms and conditions for the Software Product licensed under the End User License Agreement ("EULA") between You ("You" as used herein means You and the business	×
I do not accept the terms in the License Agreement	
Advanced Installer	
< <u>B</u> ack <u>N</u> ext > Canc	el

6. Click Install.



7. It will take a few seconds for the installation to finish. Then, click Finish.



Version 3.1 January 17, 2014

## **Connecting AnyConnect VPN client**

1. Select the Cisco AnyConnect Secure Mobility Client from the Metro or Start menu.



2. Enter **vpn.unt.edu** in the text box. Then, click **Connect**.

9	Cisco An	yConnect Secure Mobility Client 🗧 🗆	×
		VPN: Ready to connect. vpn.unt.edu	
3	≎ ()		-1]1-1]1- cisco

3. Enter your EUID and EUID Password. Then, click OK.

۲	Cisco An	yConnect   vpn.unt.e	edu ×		
Please enter your username and password.					
	Group:	General	~		
	Username:	EUID			
	Password:				
		ок с	ancel		

4. Click Accept to agree to UNT Terms and Conditions of Service.



You will be connected to the Campus VPN and you are now logically on the UNT network.

If you look at the bottom right side of your task bar you should notice an icon <sup>(1)</sup>. You can double click on that icon to bring up the AnyConnect client. Once the client is up you can see stats and details on what the Campus VPN gave you. This is a good way to make sure you are connected correctly if you have any problems.

•	Cisco An	yConnect Secure Mobility Clie	ent – 🗆 🗙
		VPN: Connected to vpn1.unt.edu. vpn.unt.edu	Disconnect
	00:00:19		
3	<b>\$</b> ()		al judia cisco

To log off from the AnyConnect client, you can right click the icon and then select disconnect or bring up the AnyConnect client and click the "**Disconnect**" button

9	Cisco An	yConnect Secure Mobili	ty Client 🗖 🗖	×
		VPN: Connected to vpn1.unt.edu. vpn.unt.edu	✓ Disconnect	
	00:00:19			
3	¢ ()			dhafn cisco

### **IPSec Client Configuration**

The IPSec client connects to the Campus VPN using the IPSec protocols. To download the IPSec client you need to go to:

https://itss.untsystem.edu/current-cisco-vpn-clients

There you will need to enter in your EUID and password and select the client for your OS.

1. Launch VPN Client from either the Metro or the Start menu.



2. Click New.

Status: Disconnected   V	PN Client - Version 5.0.07.0	0440 – 🗆 ×
<u>Connection Entries</u> <u>Status</u> C <u>ertificates</u> <u>Log</u> <u>Op</u>	tions <u>H</u> elp	
Connect New Import Modify	Delete	cisco
Connection Entries Certificates Log		
Connection Entry	Host	Transport
•		<b>}</b>
Not connected.		

3. Configure the following items. All items are case sensitive. Then, click **Save**.

Host: <b>vpn.unt.edu</b>
Name: General
Password: untvpnaccess

VPN Client   Create New VPN Connectio	n Entry 🛛 ×
Connection Entry: UNT System Campus VPN	
Host: vpn.unt.edu	
Authentication Transport Backup Servers Dial-Up	
© Group Authentication C Mutual Grou	up Authentication
Name: General	
Password:	
Confirm Password:	
<ul> <li>Certificate Authentication</li> <li>Name: ▼</li> <li>Send CA Certificate Chain</li> </ul>	
Erase <u>U</u> ser Password <u>S</u> ave	Cancel

4. Highlight the new connection entry and click **Connect**.

Status: Disco	nnected   VPN C	Client - Version 5.0.07.0440	_ □ >	<
Connection Entries Status Certifica	tes <u>L</u> og <u>O</u> ptions	<u>H</u> elp		
Connect New Import	Modify Del	ete -	CISCO	)     
Connection Entry		Host	Transport	
UNT System Campus VP	N	vpn.unt.edu	IPSec/UDP	
4				×
Not connected.				

5. Enter your **EUID** and **EUID Password**.



6. Click **Continue** to agree to the UNT Terms and Conditions of Service.

٥	VPN Client   Banner	×
This syste constitute policies (s Violations expectatio this system	m is the property of the University of North Texas and your use of this resource s an explicit binding agreement to abide by relevant federal and state laws and UNT ee UNT Policies 3.10, 3.6, and 3.11). Unauthorized use of this system is prohibited. can result in severe penalties and possible criminal prosecution. There is no reasonab in of privacy and you consent to monitoring, review and disclosure of information by us n.	le sing
	Continue Disconne	et

Once you click continue you will be connected to the Campus VPN. Just like the AnyConnect client your machine now has logical connection to the University of North

Texas network. You will notice an icon <sup>(2)</sup> in the bottom right hand of your task bar. This is the IPSec client icon and right clicking it will bring up the menu below. From there you can disconnect, show statistics or bring up the connection entry list again.

VPN Client	
Statistics	
Log Window	
Notifications	
Disconnect	
About VPN Client	

As stated above, once you want to log out of the Campus VPN you can bring up the menu above or bring up the connection entry list and click the disconnect button. The next time you need to connect to the Campus VPN just run the IPSec client and everything will be saved and ready to go.

## Apple OS X Configuration

This series of steps applies to Apple OS X Snow Leopard, Lion, Mountain Lion, or Mavericks. You will need an active Internet connection and administrator credentials to access the Campus VPN.

1. Access **System Preferences** by choosing it from the Apple menu or by opening it from your Dock.





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#### 2. Click Network.

000			System F	references			
	Show All					Q	
Personal							
Appearance	Desktop & Screen Saver	Dock	Exposé & Spaces	Language & Text	Security	Spotlight	
Hardware							
CDs & DVDs	Displays	Energy Saver	Keyboard	Mouse	Trackpad	Print & Fax	Sound
Internet &	Wireless						
MobileMe	Network	Bluetooth	Sharing				
System							
Accounts	Date & Time	Parental Controls	Software Update	Speech	Startup Disk	() Time Machine	Universal Access
Other							
Flash Player							

3. Click on the **plus sign (+)** in the bottom left corner to add a new connection.



4. Configure the following items. Then, click **Create**.

Interface: VPN VPN Type: Cisco IPSec Service Name: UNT VPN

Select the interface	and enter a name for the new service.
Interface:	VPN \$
VPN Type:	Cisco IPSec 🗘
Service Name:	UNT VPN
	Cancel

5. Configure the following items. Then, click Authentication Settings.

Server Address: **vpn.unt.edu** Account Name: **EUID** Password: **EUID Password** 

00		Network
Show All		٩
	Loc	ation: Automatic
• AirPort Connected		Status: Not Configured
Ethernet Not Connected	<b>~~</b> >	
FireWire Not Connected	**	
UNT VPN     Not Configured		Server Address: vpn.unt.edu
Not Comgured		Account Name: EUID
		Password:
		Authentication Settings
		Connect
+ - 0.		Show VPN status in menu bar Advanced ?
Click the lock to	prevent	further changes. Assist me Revert Apply

6. Configure the following items. Then, click **OK**.

Shared Secret (case sensitive): **untvpnaccess** Group Name (case sensitive): **General** 

Machine Authentication:
• Shared Secret:
Certificate Select
Group Name: General
Cancel OK

7. Click Connect.

00	Network
Show All	٩
Loc	ation: Automatic
• AirPort Connected	Status: Not Configured
● Ethernet 《 》	
● FireWire Not Connected	
	Server Address: vpn.unt.edu
Not Configured	Account Name: EUID
	Password:
	Authentication Settings
	Connect
+ - \$-	Show VPN status in menu bar  Advanced  ?
Click the lock to prevent	further changes. Assist me Revert Apply

8. A prompt will appear. Configure the following items. Then, click **OK**.

Account Name: EUID
Password: EUID Password

VPN Connection
Enter your user authentication
Account Name:
euid0123
Password:
Cancel OK

9. Read the UNT Terms of Service. Click OK if you understand and agree to the Terms of Service.

$\bigcirc$	VPN Connection This system is the property of the University of Norti Texas and your use of this resource constitutes an explicit binding agreement to abide by relevant federal and state laws and UNT policies (see UNT Policies 3.10, 3.6, and 3.11). Unauthorized use of this system is prohibited. Violations can result in severe penalties and possible criminal prosecution. There is no reasonable expectation of privacy and you consent to monitoring, review and disclosure of information by using this system.
	Disconnect OK

## **Android Configuration**

Most Android devices can also support a VPN connection using an app. While there are a variety of apps which can effectively connect to the UNT System Campus VPN, this guide continues to use Cisco AnyConnect.

To download and install the Cisco AnyConnect app, go to the Google Play Store and find the appropriate app for the device.

https://play.google.com/store/apps/details?id=com.cisco.anyconnect.vpn.android.avf&hl =en

Cisco AnyConnect ICS is a free app and requires Android 4.0.3 or later. Not all manufactures of Android devices support ICS. Cisco offers alternative versions for some Samsung devices and rooted devices.

1. Launch the Cisco AnyConnect Secure Mobility Client app.



2. Tap Add New VPN Connection.



3. Configure the following items.

#### Description: UNT System Campus VPN Server Address: vpn.unt.edu

Description	$\odot$
vpn.unt.edu	$\bigcirc$
Advanced Preferences	
Change advanced certificate and protocol settings	

4. Tap **Done** at the bottom of the screen.

Cancel	Done

5. Tap on the UNT System Campus VPN button.



6. If this is the first time using Cisco AnyConnect on the device, a warning popup will appear. Check the box I trust this application and select OK.

Attention		
AnyConnect attempts to create a VPN connection. By proceeding, you are giving the application permission to intercept all network traffic. <b>Do NOT accept unless you trust the</b> <b>application.</b> Otherwise, you run the risk of having your data compromised by a malicious software.		
Cancel	ок	

7. Configure the following items in the new prompt. Then, click **OK**.

User Group: **General** Username: **EUID** Password: **EUID Password** 

AnyConnect		
Please enter your username and password. Group		
General		
Username		
EUID		
Password		
EUID password		
Show password(s).		
Cancel	ОК	

8. Tap Accept if you agree to the Terms of Service and finalize your VPN connection.



9. The main button will now appear green to confirm an active VPN connection.



10. To close the connection, swipe the green tab to the left.



Version 3.1 January 17, 2014

## **Apple iOS Configuration**

This guide details setting up the UNT System Campus VPN using the built in iOS VPN functionality. Alternatively, you may use the Cisco AnyConnect Secure Mobility Client app available for free in the Apple App Store.

1. Tap **Settings** on your iPhone / iPad / iPod Touch.



#### 2. Tap General

••••0 A	T&T 🗢 9:05 AM	<b>0</b> 92% <b>•</b>
	Settings	
≁	Airplane Mode	$\bigcirc$
<b>?</b>	Wi-Fi	97WYH >
*	Bluetooth	Off >
( <sup>(</sup> A))	Cellular	>
	Notification Center	>
	Control Center	>
C	Do Not Disturb	>
$\bigcirc$	General	>
<b>(</b> ))	Sounds	>

3. Tap VPN (some devices will have Network listed in the General menu, then tap VPN).

•	•••∘ AT&T 奈	9:05 AM 92	%	-
•	<b>〈</b> Settings <b>(</b>	General		
	Restrictions	0	ff	>
	Date & Time			>
	Keyboard			>
	International			>
	iTunes Wi-Fi Sy	nc		>
	VPN	Not Connecte	d	>
	Profile			>
	Reset			>

4. Tap Add VPN Configuration...



5. Select **IPSec** from the options at the top of the screen.

●●●○○ AT&T 穼	9:05 AM	Ö 92% 💼	
Cancel Add Configuration Save			
L2TP	PPTP	IPSec	
Description	Required		
Server	Required		
Account	Required		
RSA SecurID		$\bigcirc$	
Password	d Ask Every Time		
Secret			
Send All Traffic			
PROXY			
Off	Manual	Auto	

6. Configure the following items. Then, click **Save**.

Description: UNT VPN Server: vpn.unt.edu Account: EUID Password: EUID Password Group Name (case sensitive): General Secret (case sensitive): untvpnaccess

•••••∘ AT&T 奈 Cancel Ad				
L2TP	PPTP	IPSec		
	.ı ı.ı ı. cısco			
Description	UNT VPN			
Server	vpn.unt.edu			
Account	EUID			
Password				
Use Certificate				
Group Name General				
Secret				

7. Swipe VPN to On. You should see Status change from Starting to Connecting.



8. A prompt will appear. Configure the following items. Then, click **OK**.

Account Name: EUID Password: EUID Password

VPN Connection Enter your user authentication		
EUID		
•••••	••	
Can	cel	ОК

9. Tap **OK** if you agree to the Terms of Service and finalize your VPN connection.



10. You should now see Status: Connected

